

01-12-01

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IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Lee-Fang Wei

CASE 52

TITLE Bandwidth-Efficient Modulation In Communication Systems

ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

SIR:

NEW APPLICATION UNDER 37 CFR § 1.53(b)

Enclosed are the following papers relating to the above-named application for patent:

Specification  
9 Informal Sheets of drawing(s)  
1 Assignment(s) with Cover Sheet  
Declaration and Power of Attorney

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	29 - 20 =	9	x \$18 =	\$162
Independent Claims	5 - 3 =	2	x \$80 =	\$160
Multiple Dependent Claims, if applicable			+ \$270 =	\$0
Basic Fee				\$710
			<b>TOTAL FEE</b>	<b>\$1032</b>

Please file the application and charge **Lucent Technologies Deposit Account No. 12-2325** the amount of \$1032, to cover the filing fee. Duplicate copies of this letter are enclosed. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 12-2325** as required to correct the error.

The Assistant Commissioner for Patents is hereby authorized to treat any concurrent or future reply, requiring a petition for extension of time under 37 CFR § 1.136 for its timely submission, as incorporating a petition for extension of time for the appropriate length of time if not submitted with the reply.

Please address all correspondence to **Docket Administrator (Room 3J-219), Lucent Technologies Inc., 101 Crawfords Corner Road, Holmdel, NJ 07733**. However, telephone calls should be made to me at 908-582-6866.

Respectfully,

*John McCabe*

John F. McCabe  
Reg. No. 42,854  
Attorney for Applicant(s)

Date: Jan. 11, 2001  
Lucent Technologies Inc.  
600 Mountain Avenue (Room 3C-512)  
P.O. Box 636  
Murray Hill, New Jersey 07974-0636

Express Mail® mailing label  
number: EK90872267505  
Date of Deposit 1-11-01

I hereby certify that this application  
being deposited with the United States Postal  
Service "Express Mail Post Office to  
Addressee" service under 37 CFR 1.10 on the  
date indicated above and is addressed to the  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231.

A. Petri  
(Printed name of person mailing paper or fee)

A. Petri  
(Signature of person mailing paper or fee)


44 U.S. PTO  
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RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<b>1. Name of conveying party(ies):</b>  <b>Lee-Fang Wei</b>  Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>2. Name and address of receiving party(ies):</b> <b>Name: Lucent Technologies Inc.</b> <b>Internal Address:</b> _____  <b>Street Address: 600 Mountain Avenue, P. O. Box 636</b> <b>City: Murray Hill State: NJ Zip: 07974-0636</b>  Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other  Execution Date: <b>1/9/01</b>			
<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is <b>1/9/01</b> <b>A. Patent Application No.(s)</b> <b>B. Patent No. (s)</b>  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b>  <b>Name: Docket Administrator</b> <b>Internal Address: Room 3C-512</b> <b>Street Address: 600 Mountain Avenue</b> <b>P. O. Box 636</b> <b>City: Murray Hill, State: New Jersey, Zip: 07974-0636</b>		<b>6. Total number of applications and patents involved:</b> <b>1</b>  <b>7. Total fee (37 CFR 3.41) \$ \$40.00</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account  <b>8. Deposit account number: 12-2325</b>  (Attach duplicate copy of this page if paying by deposit account)	

DO NOT USE THIS SPACE

<b>9. Statement and signature.</b> <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  <b>John F. McCabe - Reg. No. 42854</b>  <b>January 11, 2001</b> Name of Person Signing Signature Date  Total number of pages including cover sheet, attachments, and document: <b>4</b>		
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Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D. C. 20231

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